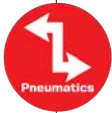


Featured Vendors



Product Offerings



Pneumatics

MAC Valves- valves, pneumatic controls
PHD, Inc.- cylinders, actuators, slides, grippers and clamps
Camozzi- pneumatic controls, cylinders, actuators, slides, air preparation, fittings, and tubing
Wilkerson- air preparation, fittings and tubing



Pneumatic Accessories

Allenair Corporation- pneumatic controls, cylinders, actuators, slides
American Cylinder Company- cylinders, actuators, slides, grippers, and clamps
Deltrol Fluid Products- pneumatic controls
Firestone Industrial Products- cylinders, actuators, slides, grippers, and clamps
Fitok- fittings and tubing
Hanna Corporation- cylinders, actuators, slides
Link Tech- fittings and tubing
McDaniel Controls- pneumatic accessories
Parker Origa- cylinders, actuators, slides
Pisco USA- pneumatic controls, fittings and tubing
Pneumadyne- pneumatic controls, fittings and tubing
Spartan Scientific- valves, pneumatic controls
Springville Manufacturing- cylinders, actuators, slides
Suburban Manufacturing, Inc- air preparation
TRD Manufacturing- cylinders, actuators, slides
Universal Components (UCI)- valves, pneumatic controls
Universal Plastics- fittings and tubing



Robotics

ABB- cartesian, scara, delta, collaborative, six axis, autonomous mobile robots
MIR- autonomous mobile robots
PHD, Inc.- end of arm tooling
Piab- end of arm tooling
ASTI- autonomous mobile robots
Codian- delta
Comau Robotics- collaborative, six axis
Robotiq- robotic accessories
ROEQ- robotic accessories
Swivellink- robotic accessories
Yamaha Robotics- cartesian, scara



Machine Control

B&R Industrial Automation- PLC, IO input and output, electrical cabinet components, HMI
Wago- PLC, IO input and output, electrical cabinet components, HMI
Beijer- PLC, IO input and output, electrical cabinet components, HMI
IDEC- PLC, IO input and output, electrical cabinet components, HMI



Minneapolis Branch

Serving: MN, ND, SD



Motion Control

B&R Industrial Automation- motion controllers, motors, drives, actuators and slides
PHD, Inc.- actuators and slides
 Bahr Modualtechnik- motors, actuators, and slides
 Harmonic Drive- gear reducers
 Kollmorgen- motors, drives, actuators and slides
 Novanta- motion controllers, motors, actuators, and slides
 Thomson Linear- actuators and slides, gear reducers



Mobile

MAC Valves- pneumatic controls and valves
B&R Industrial Automation- controllers, displays, keypads
SICK- sensors and transducers
 COBO- controllers, displays, keypads, wire harness
 Elobau- mobile accessories
 Gems Sensors- sensors and transducers
 HED- controllers, displays, keypads, radio remotes
 Magnetek- controllers, keypads, radio remotes
 Scanreco- controllers, keypads, radio remotes
 Suburban Manufacturing- cable management



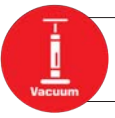
Sensors and Safety

SICK- sensors, safety, vision, barcode
Urban IO- sensors
 Canfield Connector- sensors
 Gems Sensors- sensors
 PVS Sensors- sensors
 Swivellink- safety



Hydraulics

PHD, Inc.- actuators
 Gems Sensors- switches and transducers
 Hanna Corporation- actuators
 Nachi- hydraulic valves
 TRD Manufacturing- actuators



Vacuum

Busch LLC- pumps, blowers
Piab- venturi, vacuum accessories



Vision

SICK- cameras and accessories
 DALSA- cameras and accessories
 PVS- cameras and accessories
 Smart Vision Lights- cameras and accessories



Extrusions and Enclosures

80/20- aluminum enclosures
 Fibox- enclosures
 Saginaw Control & Engineering- enclosures
 Vynckier-Nvent- enclosures



Networking and IoT

Antaira- industrial ethernet, ethernet media converters, industrial wireless, serial communication
Urban IO- cloud services
 Exosite- cloud services



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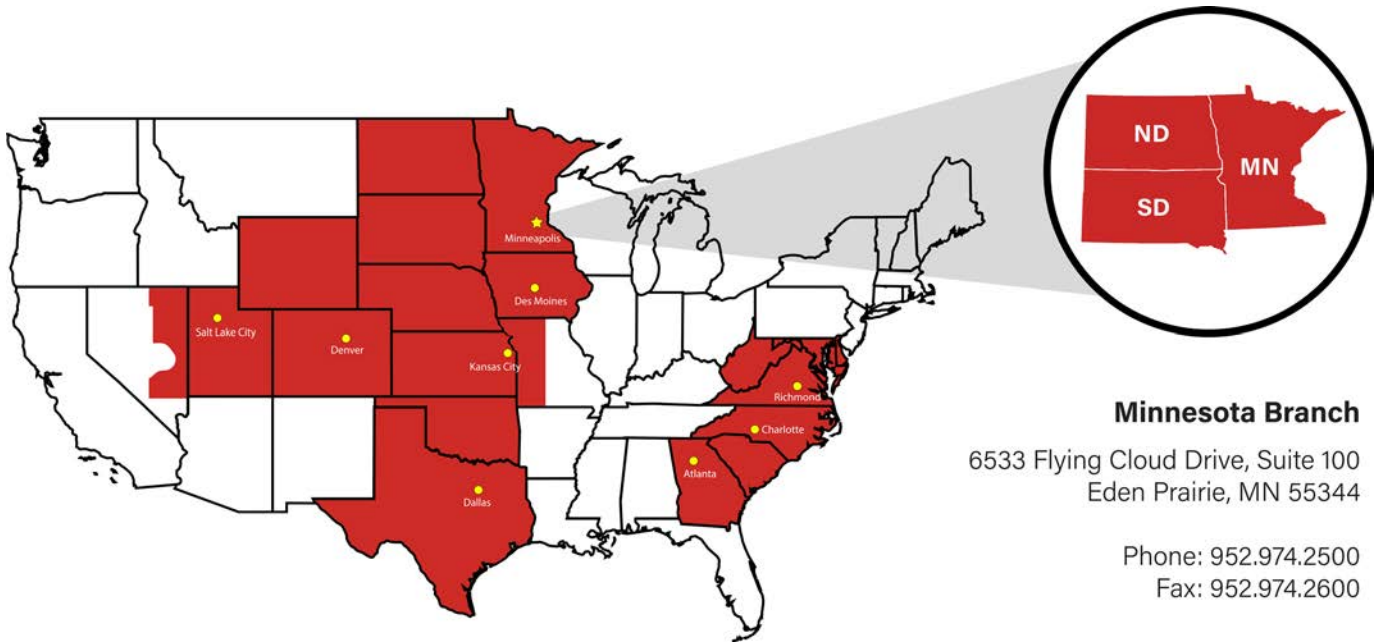
Serving: MN, ND, SD



Full Manufacturer List

- 80/20** Magnetek
- ABB** McDaniel Controls
- Allenair Corporation
- American Cylinder
- Antaira** **MIR**
- ASTI Nachi
- B&R Automation** Novanta
- Bahr Modulaltechnik Parker Origa
- Beijer **PHD, Inc.**
- Busch LLC **Piab**
- Camozzi** Pisco USA
- Canfield Connector Pneumadyne
- COBO PVS
- Codian Robotiq
- Comau Robotics ROEQ
- DALSA Saginaw Control
- Deltrol Fluid Products Scanreco
- Elobau **SICK**
- Exosite Smart Vision Lights
- Fibox Spartan Scientific
- Firestone Industrial Products Springville Manufacturing
- Fitok Suburban Manufacturing
- Gems Sensors & Controls Swivellink
- Hanna Corporation Thomson Linear
- Harmonic Drive TRD Manufacturing
- HED Universal Components
- IDEC Universal Plastics
- Kollmorgen **Urban IO**
- Link Tech Vynckier-Nvent
- MAC Valves** **Wago**
- Wilkerson
- Yamaha





Minnesota Branch

6533 Flying Cloud Drive, Suite 100
Eden Prairie, MN 55344

Phone: 952.974.2500
Fax: 952.974.2600



Value-Add

The Value-Add Department can partially or completely assemble components from a bill of customer approved materials into sub-assemblies (kits). This allows customers to order one item, tested and ready to install with one purchase order.

Hartfiel Automation's Value-Add team provide much more than just assembly and light manufacturing support - they bring the experience to quickly and efficiently design, test, and deliver the best solution for your assets.



ATLAS Controls Engineering

Hartfiel Automation's ATLAS Controls Engineering Team focuses on partnering with customers to achieve success in their equipment design and manufacturing.

Starting with consultation in the selection and specification of components, through on-site training and start-up assistance—our team is committed to providing the engineering support required to create the hi-tech equipment of today's manufacturing marketplace.



Customer Profit Reinforcement (CPR®)

The Hartfiel Automation team uses their trademarked CPR process to uncover and document savings and profit opportunities. The program's purpose is to maximize customer profitability through an inspection of your components and processes, identifying savings opportunities, recommending streamlining - leading to real savings.

Companies both small and large have benefited from this program and have experienced increased profitability.